

REMARKS

Claims 1, 7, 8 and 11 have been amended without prejudice.

Claims 16-21 have been canceled without prejudice.

The first paragraph of the specification has been amended to correct the Department of Energy Contract Number. No new matter has been added.

Also the second paragraph of specification has been amended to insert the correct U.S. patent application Ser. No. and filing date of the parent patent application from which the above identified application depends. No new matter has been added.

The third paragraph on page 17 of the specification has also been amended. It is clearly shown in Fig. 12 that an electrical conductor 72 is helically coiled around a magnetically conductive torodial core 70. Since these features are clearly shown in Fig. 12, the applicants submit that no new matter has been added.

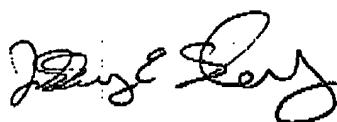
The Office rejected claims 1-21 under 35 U.S.C. 102(e) as being anticipated by Boyle et al., (6,866,306). Independent claims 1 and 11 have been amended to include that at least one conductor is helically wound around a torodial core. This is not disclosed or described by Boyle. Accordingly, the applicants respectfully submit that claims 1 and 11 are now allowable. Since claims 2-10 depend from now allowable claim 1, and claims 12-15 depend from now allowable claim 11, the applicants respectfully submit that claims 2-10 and 12-15 are also now allowable.

Claims 16-21 have been canceled rendering their rejection moot.

Being responsive to all the rejections made by the Office, Applicants believe the application is now in condition for allowance. Accordingly, Applicants respectfully request that a timely Notice of Allowance be issued in this case.

Please charge Deposit Account 180584 in the amount of \$120, the fee required under 37 CFR 1.17(a)(1) for a one month extension for time. It is believed that there are no other fees due at this time. However, the Commissioner is hereby authorized to charge any fees which may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment, to Deposit Account 180584. If there are any questions concerning the above, please contact the undersigned at 281-878-5658.

Respectfully submitted,



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